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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/930,940	08/16/2001	David C. Knoll	56823US004	2558
32692	7590	09/22/2004	EXAMINER	
3M-INNOVATIVE PROPERTIES COMPANY PO BOX 33427 ST. PAUL, MN 55133-3427			TO, BAOQUOC N	
			ART UNIT	PAPER NUMBER
			2172	13

DATE MAILED: 09/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/930,940

Applicant(s)

KNOLL ET AL.

Examiner

Baoquoc N To

Art Unit

2172

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 05 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 72-123 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 72-113 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4,8,9,10,11 and 12.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. Claims 72-113 are pending in this application.

#### ***Information Disclosure Statement***

2. The information disclosure statement (IDS) submitted on 01/29/02, 12/19/02, 07/23/03, 09/29/03, 10/17/03 and 05/05/04. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 72-113 are rejected under 35 U.S.C. 102(e) as being anticipated by Frieden et al. (US. Patent No. 6,480,100 B1).

Regarding on claims 72 and 104 -105, teaches a method of transferring and using information, comprising the steps of:

- (a) obtaining information related to a plurality of items from an existing database (obtained the existing data format before formatting the information) (col. 8, lines 24-28);

(b) reformatting the information in a desired manner to facilitate the use of the information by an RFID tag conversion device (formatting or translating data between the storage format used on the RFID tag and any of a number of data format that may be usable by an application program) (col. 8, lines 24-28);

(c) exporting the information to a database stored on a data storage device (exporting large blocks of tag data to and from a tag interrogator) (col. 8, lines 26-29);  
and

(d) using the information to a data storage device with an RFID tag conversion device to write information to an RFID tag (col. 8, lines 57-61).

Regarding on claim 73, Frieden teaches the information written to an RFID tag corresponds to a selected item of the plurality of items (one or more data format) (col. 7, lines 17-20).

Regarding on claim 74, Frieden teaches the method further includes the step of (e) placing the RFID tag on or in the item (col. 1, lines 50-55).

Regarding on claim 75, teaches the existing database includes information correlating the items to item identifiers (col. 1, lines 47-55).

Regarding on claim 76, Frieden teaches the item identifiers comprise barcodes (col. 5, lines 49-50).

Regarding on claim 77, Frieden teaches the item identifiers comprise at least one of characters and handwriting (col. 11, lines 35-46).

Regarding on claim 78, Frieden teaches the information exported to the data storage device comprises at least one list of items to be converted to RFID tagged items (col. 8, lines 25-30).

Regarding on claim 79, Frieden teaches the list is list of items in an order that the items are to be located in storage area (col. 7, lines 1-2).

Regarding on claim 80, Frieden teaches the data storage device is a removable non-volatile data storage device (col. 7, lines 1-3).

Regarding on claim 81, Frieden teaches the removable non-volatile data storage device is a solid-state device (hard drive) (col. 7, lines 1-3).

Regarding on claim 82, Frieden teaches the removable non-volatile solid-state data storage device is a compact flash memory card (col. 1, lines 14-15).

Regarding on claim 83, Frieden teaches the information exported to the data storage device comprises more than one file, each file including at least one database record (col. 8, lines 29-34).

Regarding on claim 84, Frieden teaches the information is reformatted by selecting from each record in the existing database information to be provided in a primary information field and information to be provided in a secondary information field in the database on the data storage device (col. 10, lines 43-61).

Regarding on claim 85, Frieden teaches at least one of the information fields comprises information from a record related to a single type information (col. 10, lines 43-61).

Regarding on claim 86, Frieden teaches at least one of the information fields comprises information from a record related to more than one type of information (col. 10, lines 43-61).

Regarding on claim 87, Frieden teaches at least one of the information fields comprises information from a record in the existing database that represent only a portion of the information contained in that record (col. 10, lines 43-61).

Regarding on claim 88, Frieden teaches the information selected for the primary and secondary information fields is selected from the group consisting of the name or title of the item, the identification number of the item, or the call number of the item (col. 10, lines 43-61).

Regarding on claim 89, Frieden teaches the method further comprises the step of displaying information obtained from the primary information field and information obtained from the secondary information field on the RFID tag conversion device for observation by a user (col. 8, lines 25-35).

Regarding on claim 90, Frieden teaches the step of reformatting the data comprises identifying multiple records in the existing database that relate to equivalent items (col. 16, lines 38-41).

Regarding on claim 91, Frieden teaches the method further comprises the step of providing only one entry on the database stored on the data storage device relative to that item (col. 7, lines 40-43).

Regarding on claim 92, Frieden teaches the method further comprises the step of comparing multiple entries from the existing database to determine whether the multiple entries relate to equivalent (col. 8, lines 1-2).

Regarding on claim 93, Frieden teaches the step of reformatting the data comprises identifying multiple records in the existing database that relate to equivalent items (col. 8, lines 25-27).

Regarding on claim 94, Frieden teaches the method further comprises the step of assigning the same storage area location identical item (col. 8, lines 40-46).

Regarding on claim 95, Frieden teaches the method further comprises the step of previewing the format of at least one entry for the database on the data storage device prior to step (c) (col. 7, lines 41-42).

Regarding on claim 96, Frieden teaches the entry includes information selected from the group consisting of an item identifier, a primary information field, a secondary information field, and a barcode (col. 10, lines 43-61).

Regarding on claim 97, Frieden teaches the method further comprises the step of providing a summary log related to the exportation of information (col. 8, lines 29-31).

Regarding on claim 98, teaches the summary log comprises information selected from a group consisting of a description of the files that were exported, the number of entries that were exported, the elapsed time for the transfer, and the number of errors encountered during the export (col. 8, lines 29-31).

Regarding on claim 99, Frieden teaches the method further comprises providing a detail error log that provides information related errors detected in the exported information (col. 8, lines 29-31).

Regarding on claim 100, Frieden teaches the items are library materials (col. 8, lines 29-31).

Regarding on claim 101, Frieden teaches the items are files (col. 7, lines 40-42).

Regarding on claim 102, Frieden teaches the items are pieces of evidence (col. 7, lines 40-42).

Regarding on claim 103, Frieden teaches the items are pallets or container (col. 7, lines 40-42).

Regarding on claim 106, Frieden teaches the RFID tag conversion device is a handheld RFID tag conversion device (col. 8, lines 1-6).

Regarding on claim 107, Frieden teaches the RFID tag conversion device is a component of a workstation of processing items selected by users (col. 7, lines 40-42).

Regarding on claim 108, Frieden teaches the workstation is a workstation adapted for use by a library employee (col. 6, lines 53-67 to col. 7, lines 1-8).

Regarding on claim 109, Frieden teaches the workstation is a self-service station adapted for use by the user who selected the items (col. 7, lines 40-43).

Regarding on claim 110, Frieden teaches the workstation is a conversion station for converting non-RFID-tagged items to RFID-tagged items (col. 8, lines 25-35).

Regarding on claim 111, Frieden teaches the non-RFID-tagged items are barcoded items (col. 11, lines 34-45).

Regarding on claim 112, Frieden teaches the non-RFID-tagged items are identified by characters (col. 11, lines 34-45).

Regarding on claim 113, Frieden teaches the non-RFID-tagged items are items regarding which a user enters information describing the items into the workstation (col. 7, lines 40-43).

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is (703) 305-1949 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at (703) 305-9790.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks  
Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(703) 872-9306 [Official Communication]


Hand-delivered responses should be brought to:

Crystal Park II  
2121 Crystal Drive  
Arlington, VA 22202  
Fourth Floor (Receptionist).

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Art Unit: 2172

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September 11, 2004



JEAN M. CORRIELUS  
PRIMARY EXAMINER